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By: Nancy Ramos Printed: Nancy Ramos

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hillman et al.

Title: HUMAN GLUTATHIONE PEROXIDASE-6

Serial No.: To Be Assigned

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Official Draftsman

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Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Sir:

Transmitted herewith are Figures 1A, 1B, 1C, and 2, as four (4) sheets of formal drawings for this application. Each sheet of drawing indicates the identifying indicia suggested in 37 CFR Section 1.84(c) on the reverse side of the drawings.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 09-0108. A duplicate copy of this communication is enclosed.

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-843-7352 or 650-621-8581.

Respectfully submitted,  
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10	19	28	37	46	55
GACG CCG CCA CCT CCG GAA CAA GCC ATG GTG GCG GCG ACG GTG GCA GCG GCG TGG					
		M V A A T V A A A W			
64	73	82	91	100	109
CTG CTC TGG GCT GCG GCC TGC GCG CAG CAG CAG GAC TTC TAC GAC TTC					
L L L W A A A C A Q Q E Q D F Y D F					
118	127	136	145	154	163
AAG GCG GTC AAC ATC CGG GGC AAA CTG GTG TCG CTG GAG AAG TAC CGC GGA TCG					
K A V N I R G K L V S L E K Y R G S					
172	181	190	199	208	217
GTG TCC CTG GTG GTG AAT GTG GCC AGC GAG TGC GGC TTC ACA GAC CAG CAC TAC					
V S L V V N V A S E C G F T D Q H Y					
226	235	244	253	262	271
CGA GCC CTG CAG CAG CTG CAG CGA GAC CTG GGC CCC CAC CAC TTC AAC GTG CTC					
R A L Q Q L Q R D L G P H F N V L					
280	289	298	307	316	325
GCC TTC CCC TGC AAC CAG TTT GGC CAA CAG GAG CCT GAC AGC AAC AAG GAG ATT					
A F P C N Q F G Q Q E P D S N K E I					
334	343	352	361	370	379
GAG AGC TTTT GCC TGC CGC ACC TAC AGT GTC TCA TTC CCC ATG TTT AGC AAG ATT					
E S F A C R T Y S V S F P M F S K I					

FIGURE 1A

GCA A	388	GTC V	ACC T	GGT G	ACT T	GGT G	GGT A	CAT H	CCT P	GCC A	TTC F	AAG K	CTG L	GCC A	424	CAG Q	ACT T	TCT S	433
GGG G	442	AAG K	GAG E	CCC P	ACC T	TGG W	AAC N	TTC F	TGG W	AAG K	TAC Y	CTA L	GTC V	GCC A	478	GAT D	GGA G	AAG K	487
GTG V	496	GTA V	GGG G	GCT A	TGG W	GAC D	CCA P	ACT T	GTG V	TCA S	GTG V	GAG E	GTC V	AGA R	532	CTC L	CAG Q	ATC I	541
ACA T	550	CGC A	CTC L	GTG V	AGG R	AAG K	ATC L	CTA I	CTA L	CTG L	AAG K	CGA R	GAA E	GAC D	586	TAA L	CCA C	CCG G	595
CGT G	604	CTC C	CTC C	CAC C	CAC C	ATC C	CCG C	CCC C	TGT C	GTG G	GGG G	CTG G	ACC A	AAT A	640	GCA G	649		
AAC	658	TCA	AAT	GGT	GCT	TCA	AAG	GGA	GAG	ACC	CAC	TGA	CTC	TCC	694	TTC	TAC	TCT	703
TAT	712	GCC	ATT	GGT	CCC	ATC	ATT	CTT	GTG	GGG	GAA	AAA	TTC	TAG	748	TAT	GAT	TAT	757

FIGURE 1B

766	775	784	793	802	811
TTG AAT CTT ACA GCA ACA AAT AGG AAC TCC TGG CCA ATG AGA GCT CTT GAC CAG					
820	829	838	847	856	865
TGA ATC ACC AGC CGA TAC GAA CGT CTT GCC AAC AAA AAT GTG TGG CAA ATA GAA					
874	883	892	901	910	919
GTA TAT CAA GCA ATA ATC TCC CAC CCA AGG CTT CTG TAA ACT GGG ACC AAT GAT					
928	937	946	955	964	973
TAC CTC ATA GGG CTG TTG TGA GGA TTA GGA TGA AAT ACC TGT GAA AGT GCC TAG					
982	991	1000	1009	1018	1027
GCA GTG CCA GCC AAA TAG GAG GCA TTC AAT GAA CAT TTT TTG CAT ATA AAC CAA					
1036	1045	1054	1063	1072	
AAA ATA ACT TGT TAT CAA TAA AAA CTT GCA TCC AAC ATG AAT TTC 3'					

FIGURE 1C

1	M	V	A	A	T	V	A	A	W	L	L	L	W	A	A	A	C	A	Q	Q	E	Q	D	F	Y	D	F	K	A	1817518	
1	M	C	A	S	R	-	-	D	D	W	-	-	-	-	-	-	R	C	A	R	S	M	H	E	F	-	-	-	S	A	GI 544432
31	V	N	I	R	G	K	L	V	S	L	E	K	Y	R	G	S	V	S	L	V	V	N	V	A	S	E	C	G	F	T	1817518
20	K	D	I	D	G	H	M	V	N	L	D	K	Y	R	G	F	V	C	I	V	T	N	V	A	S	Q	C	G	K	T	GI 544432
61	D	Q	H	Y	R	A	L	Q	Q	L	Q	R	D	L	G	P	H	H	F	N	V	L	A	F	P	C	N	Q	F	G	1817518
50	E	V	N	Y	T	Q	L	V	D	L	H	A	R	Y	A	E	C	G	L	R	I	L	A	F	P	C	N	Q	F	G	GI 544432
91	Q	Q	E	P	D	S	N	K	E	I	E	S	F	A	C	R	T	Y	S	V	S	F	P	M	F	S	K	I	A	V	1817518
80	K	Q	E	P	G	S	N	E	I	K	E	F	A	-	G	Y	N	V	K	F	D	M	F	S	K	I	C	V	GI 544432		
121	T	G	T	G	A	H	P	A	F	K	Y	L	A	-	Q	T	S	G	K	E	P	-	-	-	-	T	W	N	F	1817518	
109	N	G	D	D	A	H	P	L	W	K	W	M	K	I	Q	P	K	G	K	G	I	L	G	N	A	I	K	W	N	F	GI 544432
145	W	K	Y	L	V	A	P	D	G	K	V	V	G	A	W	D	P	T	V	S	V	E	E	V	R	L	Q	I	T	A	1817518
139	T	K	F	L	I	D	K	N	G	C	V	V	K	R	Y	G	P	-	-	-	M	E	E	P	L	V	I	E	K	D	GI 544432
175	L	V	R	K	L	I	L	L	K	R	E	D	L																	1817518	
166	L	P	H	Y	F																									GI 544432	

FIGURE 2